Maximilian A. Jansen

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Education

(Current) **Worcester Polytechnic institute (WPI)**, Worcester Massachusetts   *2024 – 2028*
Bachelor of Science in Computer Science
Relevant Courses: Introduction to Computer Design, Object-Oriented Design Concepts, System Programing Concepts, Machine organization, Algorithms, Operating Systems, Database Systems

Rowland Hall High School, Salt Lake City, Utah | GPA: 3.6   *2020 - 2024*

Skills

Programming Languages:
- Python, Java, HTML, CSS, JavaScript, C, and C++

Technologies
- Microsoft Defender, Ninja One, Microsoft Azure, Git, VS Code, Intellij, Pandas, NumPy, JUnit Testing, and Bash

Experience

Cyber Security Summer Internship   *May 2025 - Aug 2025*
Salt Lake City | Prestige Financial Services
- Developed an active risk register to highlight and categorize 30+ potential cybersecurity risks faced by the company.
- Created a critical device register, a comprehensive list of all servers and important devices, to prioritize asset assessment in case of an outage.
- Drafted and distributed weekly cybersecurity emails to staff to keep them informed about current cyber threats.

Web Development Summer Internship   *Jun 2023 - Aug 2023*
Salt Lake City | CORE Sciences
- Developed interactive demo template website functions from scratch using HTML, CSS, and JavaScript, improving user engagement on the website by 10%.
- Assisted in building scalable website templates, from scratch, streamlining future development projects.
- Independently learned web development concepts through online resources and hands-on practice, quickly applying new skills to real-world projects.

University of Utah Summer Engineering Internship   *Jun 2022 - Jul 2022*
Salt Lake City | University of Utah
- Conducted data collection on concrete decomposition, contributing to structural engineering research.
- Assisted PhD students with hands-on experiments, including BRBF (Buckling-Restrained Braced Frame) testing.
- Helped organize and facilitate STEM summer programs, engaging over 50+ students in engineering activities.
- Learned and applied welding techniques to assemble and reinforce BRBF (Buckling-Restrained Braced Frame) components, ensuring structural integrity for testing.

Projects / Extracurriculars

WPI Cyber Security Club
- Capture the Flag (CTF) events and online challenges using Cryptography, Forensics, and Reverse Engineering.
- 65 PicoCTFs completed.

Trained LLM with AI-Camp
- Trained an LLM using GPT-3 on yelp review databases to output restaurant reviews for new companies to have an online presence

WPI Ultimate Frisbee